

Recovery Plan Action Status

Plan Name: Large-flowered Skullcap

Plan Status: Final

Plan Date: 15-May-96

Lead Agency: USFWS

Lead Office: Tennessee Ecological Services Field Office

(528-6481)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Large-flowered skullcap (Scutellaria montana)	2	1	Search for additional populations	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs	Research: Population Surveys	Contract, Species Expert	Three states: 6 weeks. For all tasks with Responsible Parties: SHP - State Natural Heritage Programs in Tennessee, Georgia, and Alabama
Large-flowered skullcap (Scutellaria montana)	2	10	Test management options for controlling invasive species	Not Started			Tennessee Valley Authority , U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research: Management Techniques	Species Expert	
Large-flowered skullcap (Scutellaria montana)	3	11	Examine genetic diversity within and between populations	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	Cruzan (2001): Population size and fragmentation thresholds for maintaining genetic diversity in the herbaceous endemic Scutellaria montana.
Large-flowered skullcap (Scutellaria montana)	3	12	Maintain plants ex situ	Not Started			Center for Plant Conservation, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, Atlanta Botanical Garden	Research: Propagation	Species Expert	
Large-flowered skullcap (Scutellaria montana)	3	13	Maintain seeds ex situ	Not Started			Center for Plant Conservation, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research: Propagation	Species Expert	

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Large-flowered skullcap (Scutellaria montana)	2	2	Conduct status survey	Ongoing Current	FY 2007		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs	Research: Population Surveys	Contract	1 person: 1 month
Large-flowered skullcap (Scutellaria montana)	2	3	Prioritize sites	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs	Management: Planning	Species Expert	Included in status survey (Task 1.2)
Large-flowered skullcap (Scutellaria montana)	2	4	Contact landowners. Determine and provide appropriate level of protection	Ongoing Not Current			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs	Work type not yet selected	Labor type not yet selected	Three states: 2 weeks Acquisition cost not included
Large-flowered skullcap (Scutellaria montana)	2	5	Develop management plans	Ongoing Not Current	FY 2007		The Nature Conservancy, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs, Tennessee Division of Forestry, Tennessee River Gorge Trust, Tennessee State Park	Work type not yet selected	Labor type not yet selected	Six weeks
Large-flowered skullcap (Scutellaria montana)	2	6	Conduct long-term monitoring	Ongoing Current	FY 1995 - FY 1999		National Park Service, The Nature Conservancy, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs, Tennessee Division of Forestry, Tennessee River Gorge Trust, Tennessee State Park	Research: Population Surveys	Contract	Set up two states--one person; 6 weeks.

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Large-flowered skullcap (Scutellaria montana)	2	7	Investigate the effects of pas disturbance	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs, Tennessee Division of Forestry, Tennessee River Gorge Trust	Work type not yet selected	Labor type not yet selected	Set up-- 1 month
Large-flowered skullcap (Scutellaria montana)	2	8	Investigate the effects of differences in canopy cover	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs, Tennessee Division of Forestry, Tennessee River Gorge Trust	Work type not yet selected	Labor type not yet selected	Set up-- 1 month
Large-flowered skullcap (Scutellaria montana)	2	9	Determine the effects of various timbering methods	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4, State Heritage Programs, Tennessee Division of Forestry, Tennessee River Gorge Trust	Work type not yet selected	Labor type not yet selected	Set up-- 1 month